LAND MOBILE RADIO (LMR) MANAGEMENT

1. Mission Statement. LMR managers manage equipment assets and provide radio network control and management for the following objective wing LMR networks; command and control; base security, law enforcement; fire/crash department; medical; Petroleum, Oil, and Lubricant (POL); aircraft maintenance; ramp control; base operations; civil engineering; maintenance expedite; communications-electronics job control; supply; explosive ordnance detail; etc. These assets include base LMR networks, encompassing portable and mobile radios and base stations, the base pager net, and cellular telephones. They ensure that failed equipment is repaired in an expeditious manner, perform Quality Assurance duties associated with LMR assets on base, maintain the LMR Management Information System database, administer customer education and training, and attend technical meetings.

2. Responsibility Statement. N/A.

3. Authority Statement. AFI 33-106 V1 provides direction and guidance to LMR managers at all levels. This element was developed in accordance with policy and procedures contained in AFR 4-1 and AFMAN 38-208.

4. Applicability Statement. This element applies to peacetime operations and to all units having this element except the following:

4.1. Combat communications units.

4.2. Air National Guard and Air Force Reserve units.

4.3. Locations undergoing AFI 38-203 cost comparison studies will be exempt from application. Both a positive and negative variance must be developed for all work within the organization that has undergone a cost comparison study.

5. Core Composition. The following factors were considered to determine the core manpower required for LMR management:

5.1. **Support for Flying and Base Support Missions.** A base population of 3,055, with 72 Permanently Assigned Aircraft (PAA), on a base of 3,500 acres, assumes a flying mission. Necessary wing and base support functions required to carry out that flying mission are also required as defined in the objective wing structure. To support the primary flying and base support missions, a suite of 14 LMR networks and associated equipment needs to be provided and managed. This equates to 1,000 assets (includes portable and mobile radios, base stations, pagers, and cellular telephones).

5.2. **Support for Wing Flying Hours.** The level of service required to support wing flying hours of 16 per day, seven days a week, is single shift at 40 hours a week. The LMR manager will be on-call as appropriate.

5.3. **Indirect Work.** Indirect work involves those tasks that are not readily identifiable with the work center's specific product or service. The major categories of standard indirect work are Supervision, Administration, Meetings, Training, Supply, Equipment Maintenance, and Cleanup. (Refer to AFMS 00AA (Standard Indirect Description) for more detail.) Core man-hours for indirect work are computed in with equipment processes.

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5.4. **Travel.** Man-hours for travel are included in the calculation for the core maintenance requirements by listing the man-hours earned for average round-trip mileage to each site.

5.5. **Core Equipment Composition:**

5.5.1. **LMR Networks.** Fourteen LMR networks consisting of 1,000 assets comprising of portable and mobile radios, base stations, pagers, and cellular telephones.

5.5.2. **Core Element Manpower Required.** 1

5.5.3. **Core Range.** 1 - 2

5.5.4. **Programming Factor.** None.

6. Standard Data:

6.1. **Classification.** Type III

6.2. **Approval Date.** 1 March 1993

6.3. **Man-hour Equation:**

Number of Assets	Manpower
less than 350	$Y = 0$
between 351 and 1750	$Y = 1$
greater than 1751	$Y = 2$

6.4. **Workload Factor:**

6.4.1. **Title.** Land Mobile Radio (LMR), Pager Net, Cellular Telephone asset, and associated peripheral equipment maintained.

6.4.2. **Definition.** The total number of LMR networks (including portable/mobile radios and base stations), base pager nets, cellular telephones, and associated peripheral equipment maintained. Count one for each LMR, Pager, cellular telephone, and associated peripheral equipment listed on the LMR Management Information System (MIS) Assets Quality Report.

6.4.3. **Source.** LMR Management Information System (MIS) Assets Quantity Report, PCN UD097B43.

6.5. **Study Team:**

6.5.1. **Functional Representative.** MSgt Scott Connolley, AFC4A/SYXM.

6.5.2. **AFMEA Representative.** Mr Glen Craft, HQ AFMEA/AEDA.

7. Application Instructions:

7.1. If your location matches the core composition as outlined in para 5.5. above, your manpower requirement is 1 authorization. If your location does not match the core composition, then the following actions must be completed to determine your whole manpower requirements.

7.1.1. Determine the total number of portable and mobile radios, base stations, pagers, cellular telephones, and associated peripheral equipment listed on the LMR MIS Assets Quantity Report.

7.1.2. Determine in which range the total number of assets falls. Use the manpower matrix in para 6.3. Add applicable variance manpower.

7.2. Determine skill and grade distribution using the Standard Manpower Table at Attachment 2.

8**. Statement of Conditions.** This element has conditions that impact the work center's ability to perform core processes. Specific conditions have been incorporated in the computations of the manpower standard and are identified below:

8.1. **Climactic Conditions.** Snow, rain, and ice may increase travel time.

8.2. **Directed Performance Standards.** Air Force regulations direct performance standards when dealing with civilian contractors and when performing Quality Assurance Evaluation (QAE) duties. These performance standards were considered and applicable tasks measured accordingly.

BENJAMIN N. CHAPMAN, Lt Col, USAF
Chief, Plans & Productivity Division

3 Attachments
1. Work Center Description
2. Standard Manpower Table
3. Variance

SUMMARY OF CHANGES

This AFMS implements format changes to comply with a request by SAF. It updates the functional representative and replaces Attachment 3, Variance, in its entirety.

WORK CENTER DESCRIPTION

LAND MOBILE RADIO (LMR) MANAGEMENT

1. PROCESSES BASE LAND MOBILE RADIO (LMR) SYSTEMS.
1.1. PROCESSES REQUIREMENT. Evaluates requirement, processes request for engineering assistance, reviews and comments on engineering report, provides technical solutions, assists users in preparing requirements document, and processes requirements document.
1.2. MANAGES CENTRAL BASE PAGER NET. Maintains equipment accountability and documentation. Maintains base pager directory; updates base pager directory; processes base maintenance requirements; submits meaconing, intrusion, jamming, and interference reports. Performs equipment, operational, and area coverage checks. Performs annual pager allocation revalidation; performs survey; prepares and submits input to CSRB; notifies user of CSRB decision.
1.3. MANAGES LMR SYSTEM. Manages application and implementation; assists user in preparing requisition document; assists and coordinates in preparation of supply document; assists and coordinates in preparation of sole-source documentation; inspects equipment; establishes historical records. Develops and manages LMR maintenance contracts; solicits maintenance requirement; consolidates maintenance requirement; performs equipment inventories; establishes priority response; establishes preventive maintenance inspection schedule; establishes intrinsically safe inspection; provides special maintenance requirement; prepares quality assurance surveillance plan; establishes maintenance response and repair times; prepares maintenance contract inputs; participates in contractor selection negotiation; reviews contractor quality control program. Maintains maintenance contract; adds/deletes asset to/from contract; monitors contract funding; verifies invoices; performs contract surveillance quality assurance evaluation. Provides logistic support; maintains equipment control point; verifies deficiency; assigns job control number; transfer item to contractor; returns repaired item to user; coordinates equipment removal, relocation, and PMI action; processes nonrecurring LMR maintenance request; marks for special identification; processes warranty items for repair; assists user in preparation of Reports of Survey; reconciles Monthly Supply Listing (MSL Q09); deletes equipment; processes condemned equipment.
1.4. PROVIDES SUPPORT. Establishes and maintains replacement plan/review; prepares replacement plan; processes request for exceptions; coordinates COMSEC requirement. Accomplishes budget action; assists net manager with budget input preparation; submits budget input; assists user with preparation of meaconing, intrusion, jamming, and interference report; prepares base directive; assists agency in development of plan annex; distributes net/system diagrams; maintains commercial information library; maintains net manager identification file; serves as member of base resource management team; processes customer complaint. Maintains LMR Management Information System database.
1.5. ADMINISTERS CUSTOMER EDUCATION AND TRAINING PROGRAM. Develops training program; conducts training; publishes brochure.
1.6. PREPARES FOR AND CONDUCTS/ATTENDS BOARD, MEETING, BRIEFING, SEMINAR, AND DEMONSTRATION. Prepares/attends CSRB or contract, vendor, and technical solution meeting.

STANDARD MANPOWER TABLE												
WORK CENTER/FAC			**APPLICABILITY MAN-HOUR RANGE**									
Land Mobile Radio (LMR) Management/38AL												
AIR FORCE SPECIALTY TITLE	**AFSC**	**GRADE**	**MANPOWER REQUIREMENT**									
Ground Radio Comm Crftmn	2E173	TSG			1							
Ground Radio Comm Jrnymn	2E153	SSG	1	1	1							
Ground Radio Comm Jrnymn	2E153	SRA		1	1							
TOTAL			1	2	3							
AIR FORCE SPECIALTY TITLE	**AFSC**	**GRADE**	**MANPOWER REQUIREMENT**									
TOTAL												

AF Form 1113, JUN 91 (COMPUTER GENERATED). PREVIOUS EDITION IS OBSOLETE.

VARIANCE

LAND MOBILE RADIO (LMR) MANAGEMENT

1. **TITLE.** Positive Mission Variance for Trunking Systems Management.

1.1 **DEFINITION.** Manages application and implementation; inspects equipment; establishes historical records. Develops and manages maintenance contracts; solicits maintenance requirement; consolidates maintenance requirement; performs equipment inventories; establishes priority response; establishes preventive maintenance inspection schedule; establishes intrinsically safe inspection; provides special maintenance requirement; prepares quality assurance surveillance plan; establishes maintenance response and repair times; prepares maintenance contract inputs; participates in contractor selection negotiation; reviews contractor quality control program. Maintains maintenance contract; adds/deletes asset to/from contract; monitors contract funding; verifies invoices; performs contract surveillance quality assurance evaluation. Provides logistic support; maintains equipment control point; verifies deficiency; assigns job control number; transfer item to contractor; returns repaired item to user; coordinates equipment removal, relocation, and PMI action; processes nonrecurring maintenance request; marks for special identification; processes warranty items for repair; assists user in preparation of Reports of Survey; reconciles Monthly Supply Listing (MSL Q09); deletes equipment; and processes condemned equipment.

1.2. **IMPACT:**

| | | **MONTHLY** |
LOCATION	UNIT	**MAN-HOURS**
Andersen AFB GQ	633 CS	160.7
Eglin AFB FL	646 CCSG	160.7
Elmendorf AFB AK	3 CS	160.7
McClellan AFB CA	652 CCSG	160.7
Robins AFB GA	653 CCSG	160.7
Tyndall AFB FL	325 CCSG	160.7
Whiteman AFB MO	509 CS	160.7

1.3. **APPLICABILITY.** This variance applies to all objective wing bases having Land Mobile Radio Management elements that have Trunking Systems Management responsibilities.